ABSTRACT OF THE DISCLOSURE

A finger allocating section 5 allocates path timings corresponding to peak positions of a plurality of radio waves detected by a delay profile section 4 to separate finger sections 6, respectively, and further decides a path tracking range in each of the finger sections 6 on the basis of respective distances of peak positions in the plurality of radio waves. For instance, when distances of peak positions in a plurality of radio waves being arrived from a base station 20 are narrow from one another, the finger allocating section narrows a path tracking range in each of the finger sections 6. In each of the finger sections 6, a path tracking range is variable. Digital base band signals converted by an AD section 3 are inversely spread within a path tracking range decided by the finger allocating section 5 among segments positioned before and after a path timing allocated by the finger allocating section 5, whereby a plurality of radio waves can be positively received in even a case where distances of peak positions in a plurality of radio waves being arrived from a base station to a mobile station are narrow from one another, so that deterioration in reception property is prevented.